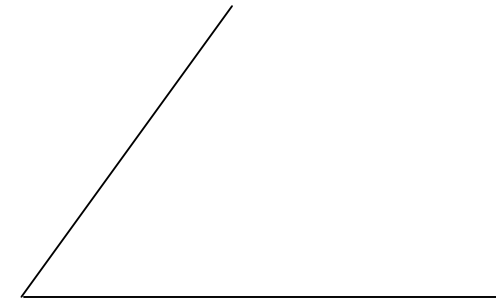
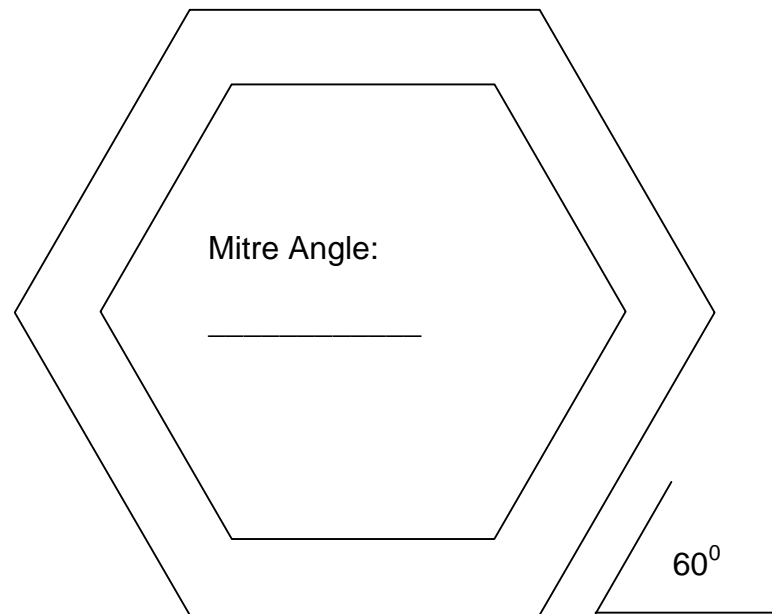


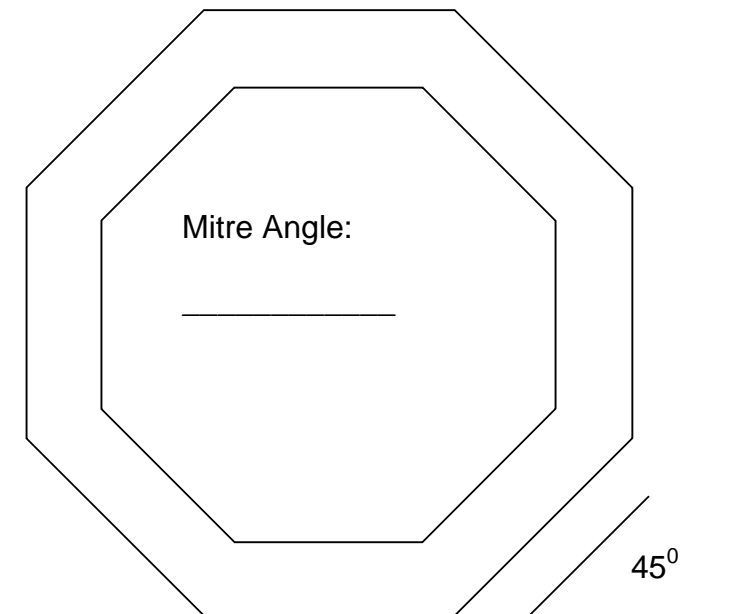
1. Bisect this angle



2. Create a 20mm tangent radius inside this angle



3. Draw mitre joints on the hexagonal frame above and nominate the mitre angle used in cutting the joint



4. Draw mitre joints on the octagonal frame above and nominate the mitre angle used in cutting the joint

YOUR TASKS:

Complete the drawing setting out exercises as indicated.

Resources:

See the powerpoint presentations at the link below.

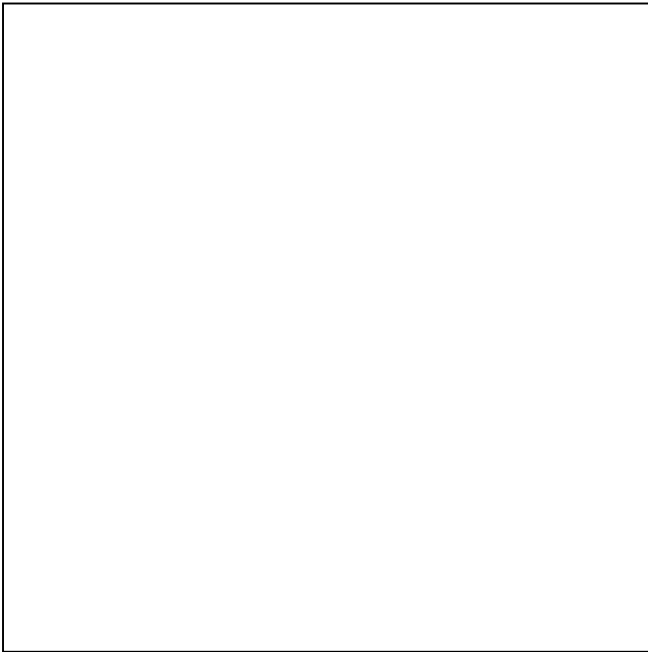
<http://year1shopfitting.wikispaces.com/Geometry>

Validation Information
Unit of competency: BCG2012A Make set outs
Critical aspects to evidence:

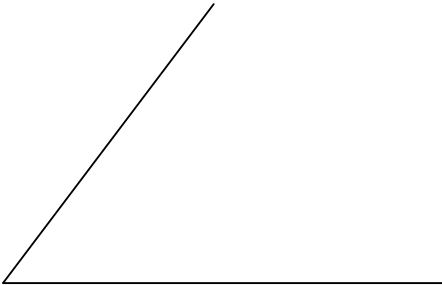
- demonstrate compliance with Occupational Health and Safety regulations applicable to workplace operations
- indicate compliance with organisational policies and procedures including Quality Assurance requirements within the context of making set-outs ✓
- indicate understanding of interpreting drawings and instructions ✓
- select and use appropriate processes, tools and instruments for set-out task ✓
- accurately set-out detailed set out information ✓
- demonstrate correct use of instruments and tools in setting out angles and curves ✓
- demonstrate accurate cutting of set-out shape, where applicable

Version 1 - 8/09/2008 - Subject:BCG2012A Make Set outs

	SETTING OUT 1	NTS	



5. Geometrically create an octagon in the square above

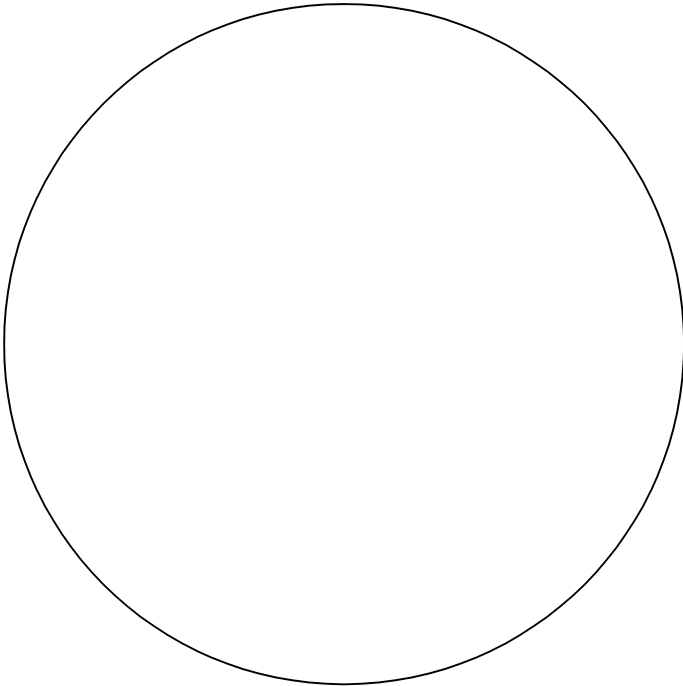


7. Geometrically bisect this angle

YOUR TASKS:
Complete the drawing setting out exercises as indicated.

Resources:
See the powerpoint presentations at the link below.

<http://year1shopfitting.wikispaces.com/Geometry>



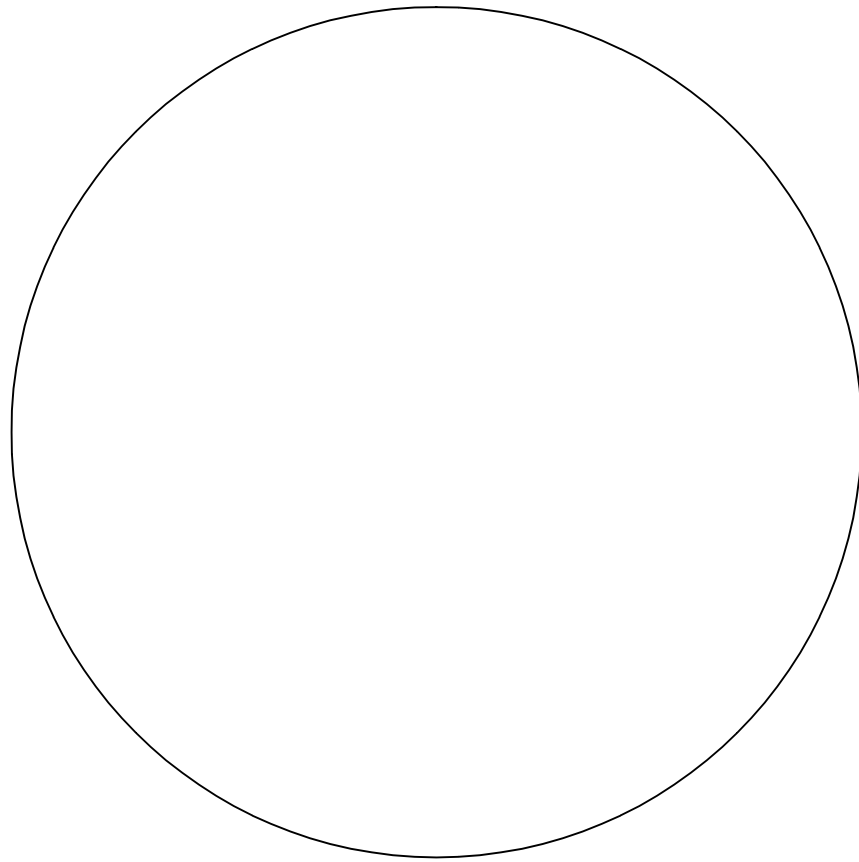
6. Geometrically create a hexagon in the circle above.



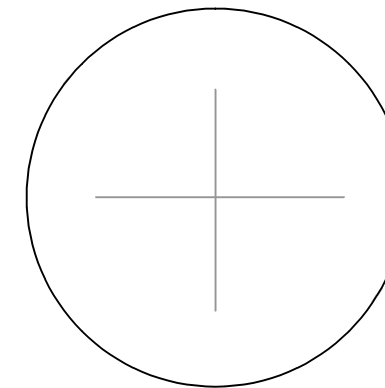
8. Geometrically bisect this line

Validation Information			
Unit of competency: BCG2012A Make set outs			
Critical aspects to evidence:			
▪ demonstrate compliance with Occupational Health and Safety regulations applicable to workplace operations			
▪ indicate compliance with organisational policies and procedures including Quality Assurance requirements within the context of making set-outs ✓			
▪ indicate understanding of interpreting drawings and instructions ✓			
▪ select and use appropriate processes, tools and instruments for set-out task ✓			
▪ accurately set-out detailed set out information ✓			
▪ demonstrate correct use of instruments and tools in setting out angles and curves ✓			
▪ demonstrate accurate cutting of set-out shape, where applicable			
Version 1 - 8/09/2008 - Subject:BCG2012A Make Set outs			

	SETTING OUT - 2	NTS	



9. Geometrically create a pentagon (5 sides) in the circle above.



10. Draw a tangent curve of 80mm radius to this circle so it touches the outside of the circle

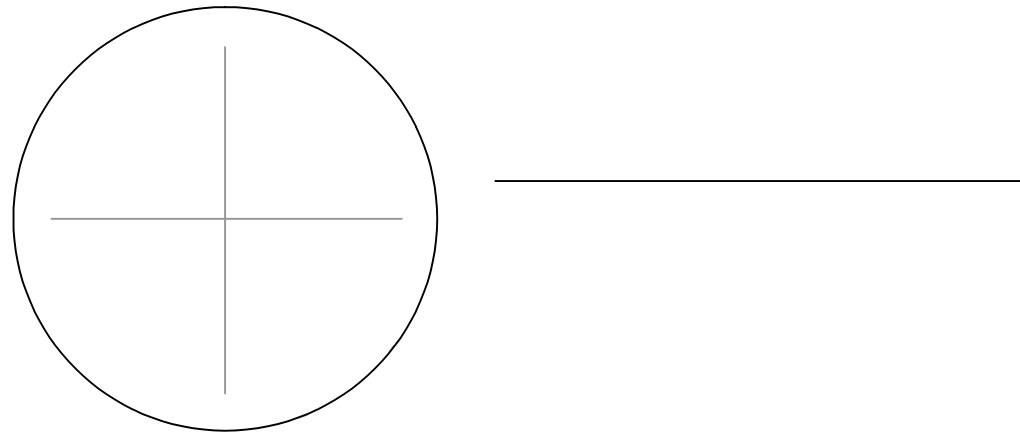
YOUR TASKS:
Complete the drawing setting out exercises as indicated.

Resources:
See the powerpoint presentations at the link below.

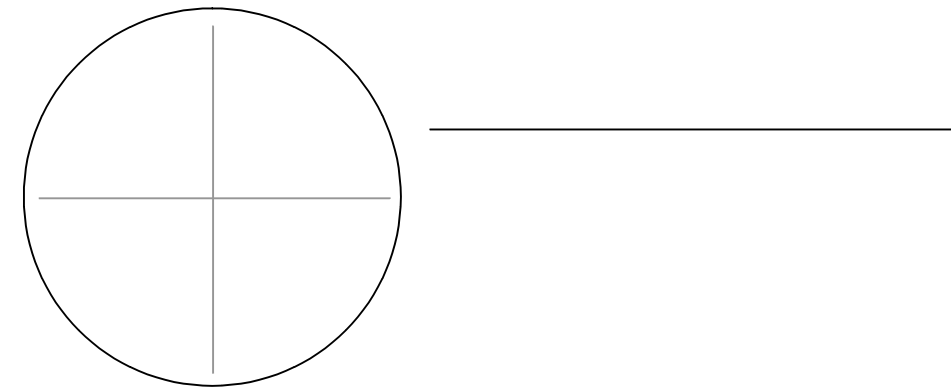
<http://year1shopfitting.wikispaces.com/Geometry>

Validation Information
Unit of competency: BCG2012A Make set outs
Critical aspects to evidence:
<ul style="list-style-type: none">demonstrate compliance with Occupational Health and Safety regulations applicable to workplace operationsindicate compliance with organisational policies and procedures including Quality Assurance requirements within the context of making set-outs ✓indicate understanding of interpreting drawings and instructions ✓select and use appropriate processes, tools and instruments for set-out task ✓accurately set-out detailed set out information ✓demonstrate correct use of instruments and tools in setting out angles and curves ✓demonstrate accurate cutting of set-out shape, where applicable
Version 1 - 8/09/2008 - Subject:BCG2012A Make Set outs

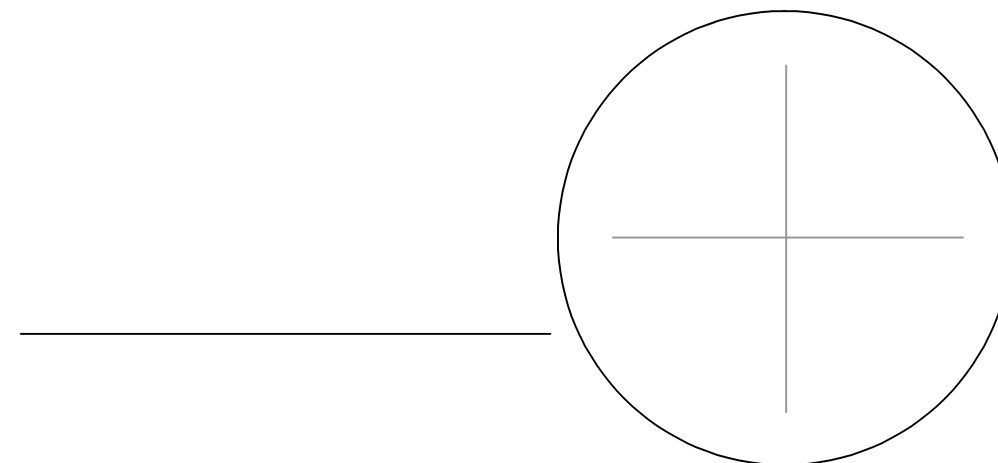
	SETTING OUT 3	NTS	



11. Draw a tangent curve of 20mm radius to this circle and line so it touches the outside of the circle and the line.



12. Draw a tangent curve of 35 mm radius to this circle and line so it touches the outside of the circle and the line.



13. Draw a tangent curve of 28mm radius to this circle and line so it touches the outside of the circle and the line below the line.

YOUR TASKS:

Complete the drawing setting out exercises as indicated.

Resources:

See the powerpoint presentations at the link below.

<http://year1shopfitting.wikispaces.com/Geometry>

Validation Information

Unit of competency: BCG2012A Make set outs

Critical aspects to evidence:

- demonstrate compliance with Occupational Health and Safety regulations applicable to workplace operations
- indicate compliance with organisational policies and procedures including Quality Assurance requirements within the context of making set-outs ✓
- indicate understanding of interpreting drawings and instructions ✓
- select and use appropriate processes, tools and instruments for set-out task ✓
- accurately set-out detailed set out information ✓
- demonstrate correct use of instruments and tools in setting out angles and curves ✓
- demonstrate accurate cutting of set-out shape, where applicable

Version 1 - 8/09/2008 - Subject:BCG2012A Make Set outs

	SETTING OUT 4	NTS	